

Notice of Allowability

Application No.

10/766,579

Examiner

Yahveh Comas

Applicant(s)

KURIBARA, KAZUMI

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 11/7/2005.
2. The allowed claim(s) is/are 2 and 4.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Frank J. Jordan on 11/16/2005.

The application has been amended as follows:

1. Cancel claims 1, 3, 5-13, 15 and 16.
2. Add claim 14 to claim 2 as follows:

Claims 2. A small brushless motor comprising a stator base having a generally flat portion and a cylindrical portion extending from one side of said flat portion, said cylindrical portion being formed as a bearing housing, said cylindrical portion having an opening; a bearing for rotatably supporting a rotary shaft of a rotor mounted on said bearing housing; a stator core mounted in a fixed condition at the outside of said bearing housing; a magnet comprising a plurality of magnetic poles arranged to face said stator core; a rotor yoke having said magnet mounted thereon in a fixed condition and having the shaft disposed in the center thereof; a circuit substrate having a circuit juxtaposed to said flat portion on said one side of said flat portion; and a molded resin structure having one part

disposed over said opening of said cylindrical portion for receiving the thrust of the rotary shaft and another part disposed about said cylindrical portion, said stator core being mounted in a fixed condition on said other part of said molded resin structure, wherein said other part of said molded resin structure comprises integral engagement portions, and said circuit substrate comprises engagement sections engaged by said engagement portions, said engagement portions and engagement sections preventing relative rotational movement between said molded resin structure and said circuit substrate.

3. Cancel claim 14.

The following is an examiner's statement of reasons for allowance:

The Prior art does not provide alone or in combination a small brushless motor having a molded resin structure having one part disposed over an opening of a cylindrical portion for receiving the thrust of the rotary shaft and another part disposed about said cylindrical portion, said stator core being mounted in a fixed condition on said other part of said molded resin structure, wherein said other part of said molded resin structure comprises integral engagement portions and said circuit substrate comprises engagement sections engaged by said engagement portions preventing relative rotational movement between said molded resin structure and said circuit substrate.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."